

What is claimed is:

1. Application of a kind of alloy in kitchen utensil products, wherein the material comprises in chemical composition (wt %): Cr 16-19, $C \leq 0.025$, $Si \leq 1.00$, $Mn \leq 1.00$,
5 $N \leq 0.02$, $Ni \leq 0.60$, $Ti \leq 0.75$, Mo 0.75-1.50 and the balance of Fe.
2. The application according to claim 1, wherein the kitchen utensils include cookware, dishware and other culinary vessels.
3. The application according to claim 1, wherein the kitchen utensils include dishware, Pasta pot, chafingdish cooker, wide edge pot, Gastronorm pan, cookers in restaurant,
10 nonstick cooker, high pressure boiler, steamer, and storage pot.
4. The application according to claim 2, wherein the cookware is integrative.
5. The application according to claim 2, wherein the cookware contains a compound base.
6. The application according to claim 1, wherein the alloy is Model SUS436L.
- 15 7. A kitchen utensil that can be used in a induction cooker or other kitchenware which requires high heat conductivity and magnetoconductivity, wherein the kitchen utensil is made of a kind of alloy, which comprises in chemical composition (wt %): Cr 16-19, $C \leq 0.025$, $Si \leq 1.00$, $Mn \leq 1.00$, $N \leq 0.02$, $Ni \leq 0.60$, $Ti \leq 0.75$, Mo 0.75-1.50 and the balance of Fe.
- 20 8. The kitchen utensil according to claim 7, wherein the kitchen utensil further comprises a compound base made of the said material.
9. A kitchen utensil, which is made of the alloy graded by SUS436L.
10. Application of a kind of alloy in kitchen utensils which require high heat conductivity and magnetoconductivity, wherein the alloy is graded by SUS436L.

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